

**ROYAL ER NiCr3 (ER NiCr3 )**

AWS –SFA A 5.14 ER NiCr3

**Applications**

It is used for welding of Nickel chromium iron Alloy (ASTM B163, B166, B167 & B168 to it self. For Surfacing steel with Nickel chromium iron Weld metal for dissimilar welding etc.

**Characteristics on Usage**

Royal ER NiCr3 – Nickel alloys solid filler Wire Rods deposit 72% Ni, 20% Cr, 3% Mn and 2.5 % Nb+ Ta. It is used for joining Steel to Stainless steel or Nickel base alloys.

**Chemical Composition Of Weld Metal**

C%	Mn%	Si%	S%	P%	Cr %	Ni %	Cu
0.10 Max	2.50 - 3.50	0.50 Max	0.015 Max	0.030 Max	18.0 - 22.0	67.0 Min	0.50

**Mechanical Properties Of Weld Metal**

U.T.S.

(N/mm<sup>2</sup>)

550 Min

**Approvals**

B.V.

**Packing**

Each Packets content 5 kg of Wire Rods having length 500 mm.,1000mm.